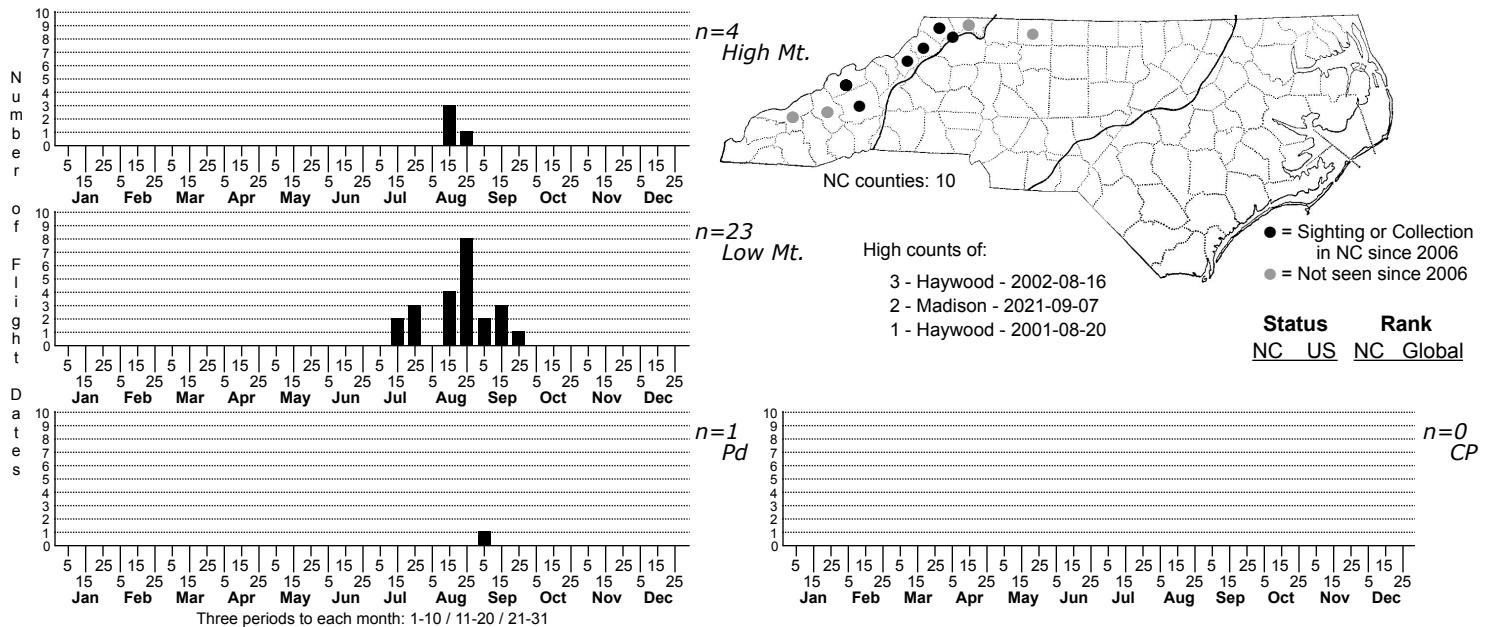


Papaipema arctivorens Northern Burdock Borer Moth



FAMILY: Noctuidae SUBFAMILY: Noctuinae TRIBE: Apameini

TAXONOMIC COMMENTS: One of 44 species in this genus that occur in North America north of Mexico (Lafontaine and Schmidt, 2010, 2015), 30 of which have been recorded in North Carolina

FIELD GUIDE DESCRIPTIONS: Covell (1984); Beadle and Leckie (2012)

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS:

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS: Based on Forbe's (1954) key, the ground color of the forewings is tawny orange and dusted with dark red; the subterminal area is more solidly dark red. The basal area is concolorous with the ground color in the median area but the spots are cream or white and contrast with the ground color. The outer lunule of the reniform is yellow but the other dots are white, including the lower anterior corner. The postmedian is bent and located far towards the margin, with the lower 3/5s nearly straight. *Papaipema baptisiae* is similar but the postmedian is located farther towards the outer margin.

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: Our records all come from the Mountains except for one record from a high monadnock with montane-like flora and fauna. Most appear to come from fairly open, herb-dominated habitats.

FOOD: Larvae feed on species in the Asteraceae, including burdocks (*Arctium*) and thistles (*Cirsium*) (Wagner et al., 2011).

OBSERVATION METHODS:

NATURAL HERITAGE PROGRAM RANKS: G5 SNR [S3S4]

STATE PROTECTION: Has no legal protection, although permits are required to collect it on state parks and other public lands.

COMMENTS: